

**APPENDIX C**

**FOR**

**UNITED STATES LETTERS PATENT**

**TITLE:** MANAGING A VIRTUAL PRIVATE NETWORK

**APPLICANT:** MATTHEW W. POISSON  
MELISSA L. DESROCHES  
JAMES M. MILILLO

**13 PAGES**

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Alison Brazil  
Alison Brazil

Optivity NETconfigurator

Item Edit View Tools Help

✓

Administrator@049089.fr.com

Server Setup

Configuration Data

Jane Roe

John Doe

Extranet Switch

Radius Accounting Server

LDAP External Server

Extranet IPX

SNMP

Radius Authentication Server

Tunnels

User IP Pool Server

Private Ethernet

Scheduler

Scripts

Saved Search Results

Palette

Properties Wizards Access Web Pages

Basic

Enable Internal Radius Accounting

Session Update Interval (hh:mm:ss)00:05:00

Enable External Radius Accounting

Host Name/Address

Port

Secret

Undo

Messages Shell

Clear

Optivity NETconfigurator

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✓

Administrator@049089.fr.com

- Server Setup
- Configuration Data
  - Jane Roe
  - John Doe
  - Extranet Switch
    - Radius Accounting Server
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    - Extranet IPX
    - SNMP
    - Radius Authentication Server
    - Tunnels
    - User IP Pool Server
    - Private Ethernet
- Scheduler
- Scripts
- Saved Search Results

Palette Properties Wizards Access Web Pages

Basic

Base DNo=Bay Networks, c=U

Remove Suffix from UID☐

Delimiter

	Host NameAddress	Connection	Port
Master		PORT	
Slave 1		PORT	
Slave 2		PORT	

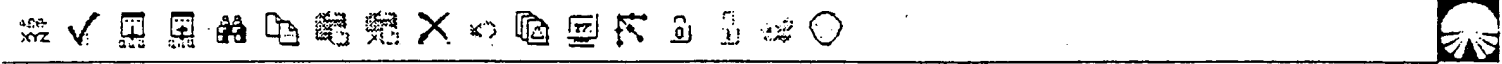
☐ Enable

Undo

MessagesShell

Clear

Item Edit View Tools Help



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## Server Setup

Configuration Data

✚... Jane Roe

John Doe


 Extranet Switch

Radius Accounting Serve

...  LDAP External Server


Extranet IPX

SNMP

 Radius Authentication Setup

..... Tunnels

☐ User IP Pool Server  
☐ Private Ethernet

 Scheduler

⌚ Scheduler

Scripts

 Saved Search Results

Palette **Properties** Wizards Access Web Pages

Basic

Public Network Address	
------------------------	--

Default Nearest Server

Maximum SAP Entries	1024	 
---------------------	------	--

Slot	Interface

Slot	Interface

	+			Enable
--	---	---	---	--------

Undo

Messages	Shell
----------	-------

◀

▶

Clear

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Palette

Properties

Wizards

Access

Web Pages

Basic

	Host Name/Address	Community Name
+ <input type="checkbox"/> Enable		
+ <input type="checkbox"/> Enable		
+ <input type="checkbox"/> Enable		
+ <input type="checkbox"/> Enable		

Description	Interval (hh:mm:ss)
+ <input type="checkbox"/> Enable	

Undo

Messages

Shell

Clear

## Item Edit View Tools Help

Item Edit View Tools Help



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13 Server Setup

Configuration Data

  Jane Roe

  John Doe

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 Radius Accounting Serve

 LDAP External Server


-  Extranet IPX

→ SNMP

 Radius Authentication Service Tunnels

• **User IP Pool Server**

### Private Ethernet

 Scheduler

## Scripts

🔍 Saved Search Results

Palette **Properties** Wizards Access Web Pages

## Basic

1

Page 1 of 2

**Delimiter Value**

### Remove Suffix from User ID

## Enable AXENT Authentication

## Enable SecurID Authentication

### Enable MS-CHAP Authentication

### Enable CHAP Authentication

### Enable PAP Authentication

### Enable Primary Server

Primary Server Host Name/Address

Primary Server Port 1645

Primary Secret

Undo

Messages	Shell
----------	-------

Clear



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Palette **Properties** Wizards Access Web Pages

Basic

2 Page 2 of 2

Alternate 2 Server Host Name/Address

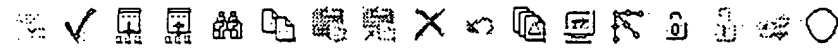
Alternate 2 Server Port 1645

Alternate 2 Secret

Undo

Messages Shell

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Palette **Properties** Wizards Access Web Pages

IPSec PPTP L2TP L2F

1 Page 1 of 2

Enable RADIUS Authentication ☐

Load Balance Enabled ☐

Load Balance Host

Failover Host 1 Enabled ☐

Failover Host 1 IP Address

Failover Host 2 Enabled ☐

Failover Host 2 IP Address

Failover Host 3 Enabled ☐

Failover Host 3 IP Address

Authentication: User Name and Password ☐

Authentication: RSA Digital Signature ☐

RADIUS Authentication: AVENT Technologies Defender ☐

Undo

Messages Shell

Clear



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Palette **Properties** Wizards Access Web Pages

IPSec PPTP L2TP L2F

2 Page 2 of 2

Encryption: ESP - 56-bit DES with MD5 Integrity ☐

Encryption: ESP - 40-bit DES with MD5 Integrity ☐

Encryption: AH - Authentication Only (HMAC-SHA) ☐

Encryption: AH - Authentication Only (HMAC-MD5) ☐

Undo

Messages Shell

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Palette Properties Wizards Access Web Pages

IPSec PPTP L2TP L2F

PrintKey V1.8 FreeWare for Win95 & NT4.0

Options

- ☒ Centered
- ☐ Stretched
- ☐ Monochrome
- ☐ Inverse Colors
- ☐ Mirrored Image
- ☐ Date + Time
- ☒ Portrait ☐ Landscape
- Default Printer
- ☐ Immediate Action
- ☐ Large Form

Save Options

Print

Printer Setup

BMP Viewer

Save as BMP

Select Rect.

Cancel

RC4-40

RC4-128

The Image will be centered on page

4/1/99 5:26 PM

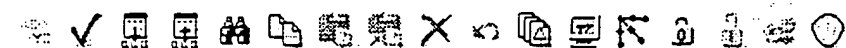
Undo

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Palette **Properties** Wizards Access Web Pages

IPSec PPTP **L2TP** L2F

RADIUS Authentication ☐

MSCHAP ☐ Not Encrypted ☐ RC4-40 ☐ RC4-128

CHAP ☐

PAP ☐

Undo

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Palette **Properties** Wizards Access Web Pages

IPSec PPTP L2TP **L2F**

Enable RADIUS Authentication ☐  
CHAP ☐  
PAP ☐

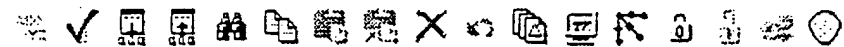
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Palette Properties Wizards Access Web Pages

Basic

IP Address

Interface Description

Subnet Mask

Undo

Messages Shell

Clear

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Palette Properties Wizards Access Web Pages

Basic

Address Acquisition Internal Address Pool

DHCP Cache Size 5

Release IP Addresses Immediately

Any DHCP Server

Specified DHCP Servers

Primary DHCP Server

Secondary DHCP Server

Tertiary DHCP Server

Starting Address

Ending Address

+ Internal Address Pool

Undo

Messages Shell

Clear